series of bits. The generating polynomial of the machine described in Fig. 9 shall be Equation (7): $X^7 + X^b + 1$.
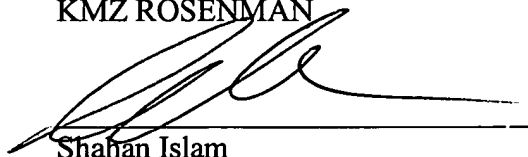
REMARKS

The amendment herein does not introduce "new matter". The change herein is an obvious minor error which would be apparent to any one of ordinary skill in the art reading the specification.

CONCLUSION

It is respectfully submitted that the application is in condition for allowance and allowance of the application is respectfully requested.

Should the Examiner require or consider it advisable that the specification, claims and/or drawings be further amended or corrected in formal respects in order to place the case in condition for final allowance, then it is respectfully requested that such amendment or correction be carried out by Examiner's Amendment and the case passed to issue. Alternatively, should the Examiner feel that the personal discussion might be helpful in advancing this case to allowance, the Examiner is invited to telephone the undersigned.

Respectfully submitted,
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APPENDIX – SPECIFICATION IN MARKED-UP FORM

The paragraph spanning page 8, line 25 [24], through page 9, line 4 is amended as shown below:

The value of N and M are inserted to the equation. Because M has a <u>high</u> [low] value according to equation $M > 2^{N+1}/N = 2\,^8/_7$, the solution will be based on the second solution according to the present invention, using the shortest repeating sequence of the pseurdorandom series of bits. <u>The generating polynomial of the machine described in Fig. 9 shall be Equation (7): $X^7 + X^b + 1$.</u>